## **Abstract Of The Disclosure**

A process for the preparation of a 4-(4-flourophenyl)-6-alkyl-2-*N*-alkansulfonyl-*N*-alkylamino)pyrimidine-5-carboxylic acid ester of formula (lb), in which R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are identical or different and are each a C<sub>1-6</sub>-alkyl. A 2-[-1-amino-1-(4-flourophenyl)methylene]-4-alkyl-3-oxo-alkanoic acid ester of formula (IIIb), in which R<sup>3</sup> and R<sup>4</sup> have the above-mentioned meanings, is reacted with an N-cyano-N-alkylalkanesulfonamide, optionally isolated or prepares in situ, of formula (IVb), in which R<sup>1</sup> and R<sup>2</sup> have the above-mentioned meanings, to give the final product of formula (Ib).